



WHIRLPOOL WINDOW TYPE AIR CONDITIONER

惠而浦窗口式冷氣機

AC0788	AC0788
AC0988	AC0988
AC1288	AC1288
AC1888	AC1888
AE0789	AE0789
AE0989	AE0989
AE1289	AE1289
AE1889	AE1889

OWNER'S INSTRUCTIONS • 使用說明

Before operating the unit, please read this manual thoroughly, and retain for future reference.

操作前，請先仔細閱讀本說明書，並請妥善保存，以備日後參考之用。

Thank you for choosing Whirlpool air conditioner. Our design is based on the best efficiency and the lowest noise operation and it can keep the room comfortable. Please read this operating manual carefully before operating the unit and keep it for consultation.

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● Function and working temperature range.

Introduction

Window type room air conditioners of Whirlpool can regulate the room temperature,dry the room. It is convenient for your work,study and life. It can be widely used in residence, shop, hotel, office, library and laboratory, and so on.

Cooling in summer

In hot summer, Air conditioner can cool down room air by transferring heat out.

Dehumidifying in rainy or humid season

Without reducing room temp, air conditioner can dehumidify and make room air dry and comfortable.



● Operating Condition

- Please operate air conditioner in the correct conditions as following.

COOL mode operation	DRY mode operation
<p>Outdoor temperature should be in range of 21°C to 52°C, otherwise it is possible for air conditioner to breakdown.</p> <p>Room humidity should be lower than 90% .</p> <p>Otherwise, it is possible for air conditioner to dew at air conditioner surface and even drop water after running for so much time. But this maybe normal.</p>	<p>Outdoor temperature should be in range of 21°C to 52 °C, otherwise it is possible for air conditioner to breakdown.</p>

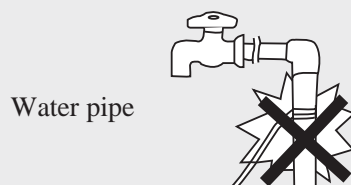
Power requirement



- The ground must be connected.
- * Special socket must be used. Furthermore, the socket and wiring must conform to the wiring regulations. And the earthing method must be reliable.
 - * In fixed circuit, there must be electricity leakage protection switch of enough power capacity and air switch with enough space.



Earth wire To ensure the reliable earthing, please do not connect earth wire to the following places:



● Installation

Installation precaution:

Window type conditioner is so valuable and the improper installation of it will cause a lot of damage! Please associate the professional technician to install the unit and don't install it by yourself. Otherwise, we are not responsible for the damage like this.

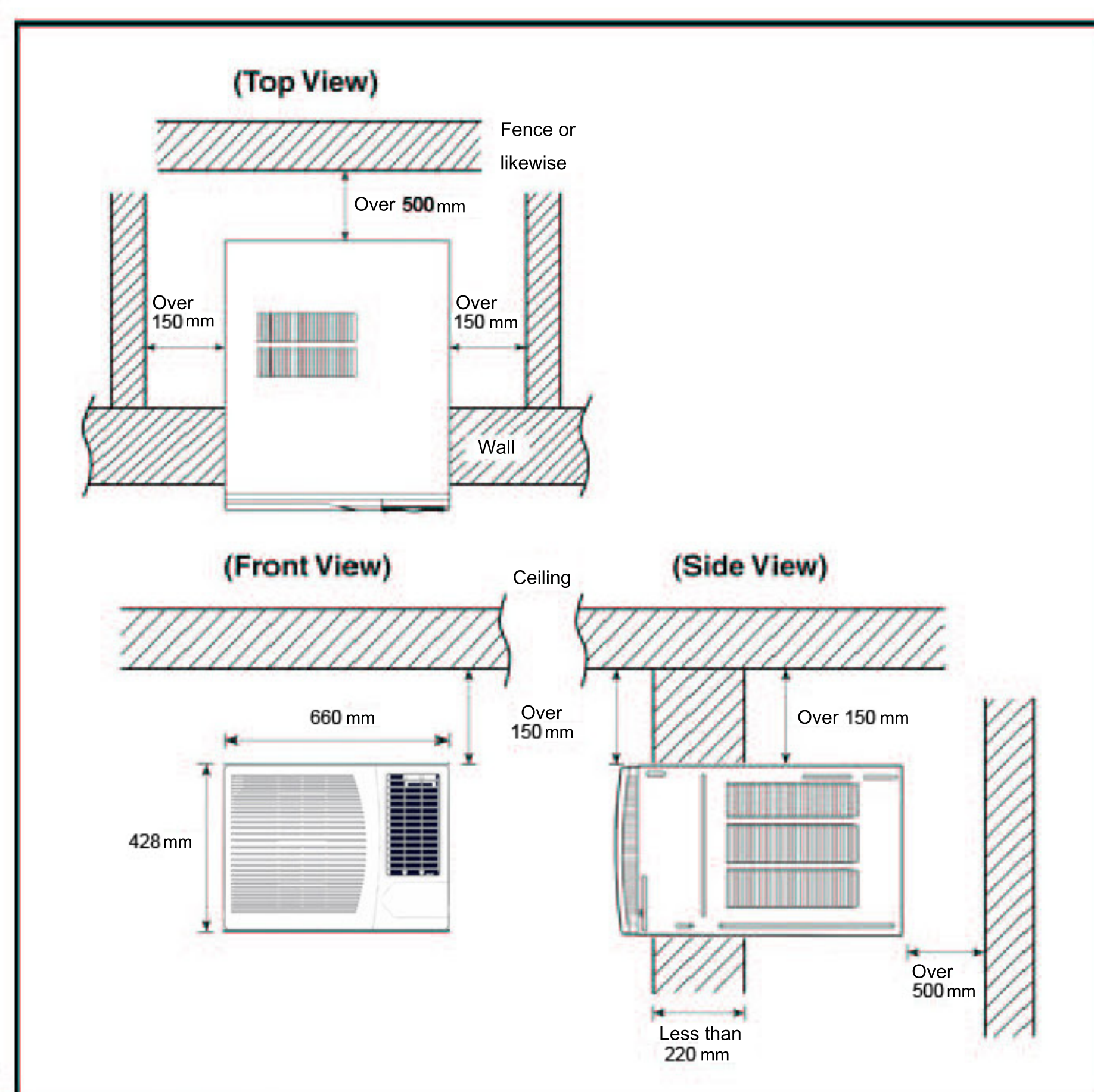


Location:

- The condensation water must be drained away conveniently.
- Install air conditioner unit far away from TV set or radio etc. to avoid disturbing video or voice.
- In salt and coastal area or place where is near thermal springs and polluted by sulphurous gas, or other special areas, please contact the seller before use.
- Avoid a place where is possible for inflammable gas to leak out.
- Avoid other heat sources or direct sun light.
- Avoid a place where is easy for children to touch.
- For window type air conditioner with remote control, install in a location where is strong electromagnetic disturbance, you should contact the seller in advance to avoid the malfunction in use.

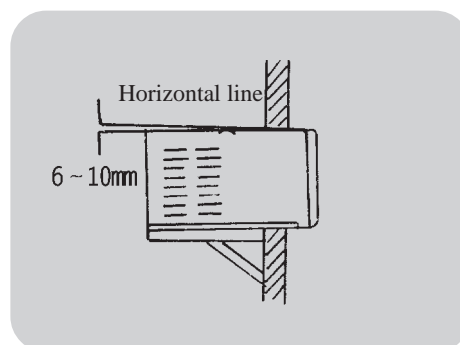
How to install:

- Choose a location where there are no any obstacle surrounding the unit.
- Prepare the installation hole slightly bigger than unit size.
- Choose the installation space according to the following diagram.
- The distance of obstructions from window unit inside should be upper 300mm, lower 1500mm, left 500mm, right 500mm, front 1500mm.



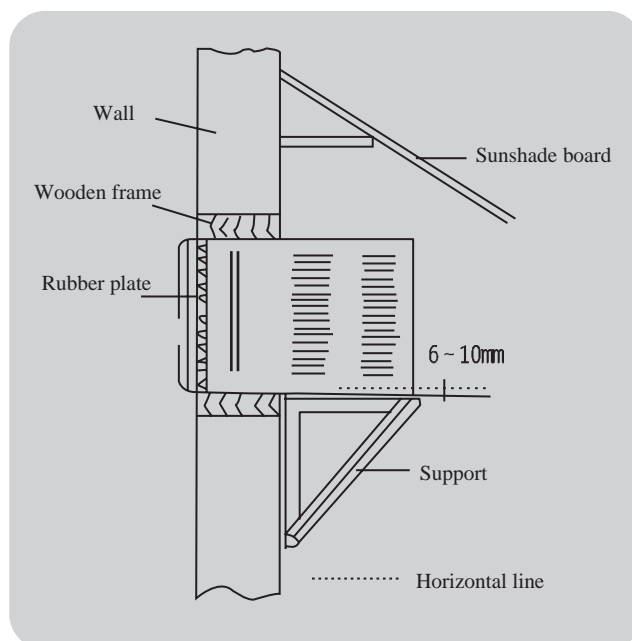
Installation procedure:

- 1) Remove the sticker from the front panel.
- 2) Put the unit into the installation hole.
 - When installing the unit, it should be slanted down to the back to avoid the enlargement of noise or vibration. (Slant between 6-10mm.) (Shown at right figure.)
 - The installation place should be strong enough to avoid the enlargement of noise or vibration.
- 3) Fill up sews in the cabinet with sponge or foam.



Installation assistance:

- Use iron support
The installation hole should be strong enough to support the air conditioner. If it cannot, iron support has to be used outdoors.
Iron support should be fixed on the building (Shown at right figure.)
- Use sunshade board
Air conditioner should avoid anything to be dropped into it and avoid direct sunshine. If there is no cover on it, you should contact the seller for installing the sunshade board. When installing the sunshade board, don't let it block the air inlet at the side grille.

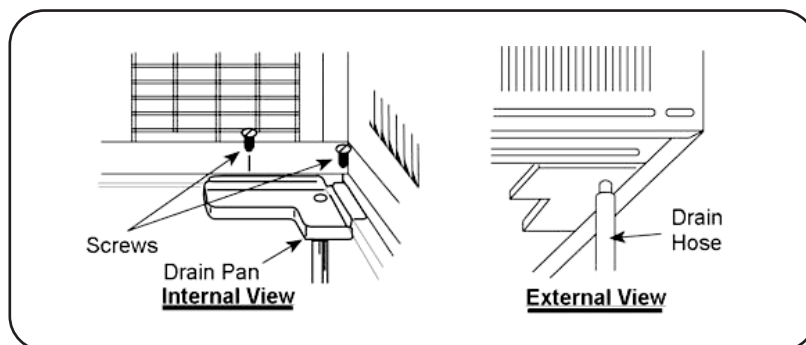


Drain water:

To get the maximum cooling efficiency, the air conditioner is designed to splash the condensation water on the condenser coil.

If the splashing sound annoys you, you can provide an outside drain by using the following procedure, which may however cause a small loss of performance.

1. Slide out the chassis from the cabinet.
2. Remove the rubber plug from the body base plate.
3. Install the drain pan to the corner of the cabinet with 2 screws.
4. Connect the drain hose to the outlet on the drain pan bottom.
5. Slide the chassis into its original place in the cabinet.



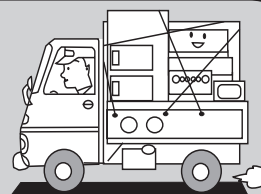
Note:

- Drain hose or tubing can be purchased locally to satisfy your particular needs.

● Notes for installation

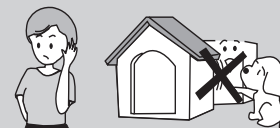
Remove

Before removing air conditioner to the other place, you should contact the seller firstly.
Then it must be done under the direction of the professional technician. In addition, the charge of this must be paid.



Noise

- Install in a location where is firm enough to avoid the enlargement of noise and vibration.
- Don't put anything in front of the outlet of outdoor unit to avoid increasing noise.
- Be sure that hot air or noise will not inconvenience neighbors.
- Please contact the seller as soon as there is strange noise during operation.
- Please use the safety support.



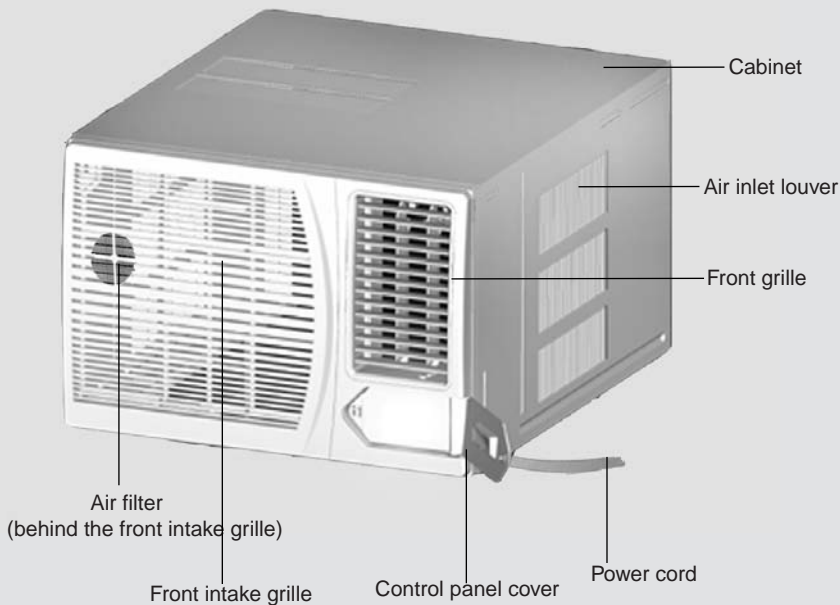
Electric wiring

- Must connect with ground reliably.
- The exclusive circuit must be used. But removable socket can't be used because poor contact of it can cause over heat or fire.
- Don't pull the power cord strongly.
- In fixed circuit, there must be electricity leakage protection switch and leakage current is less than 30mA.
- Connecting method between air conditioners and power cord and interconnecting method of each individual element with one another should accord with wiring diagram on the unit. □ □
- The air conditioner should be installed in accordance with national wiring regulation.
- An all-pole disconnection switch having a contact separation of at least 3mm in all poles should be connected in fixed wiring
- Air switch (thermal-magnetic breaker) should be installed in the circuit and its capacity is 10A for 7K and 9K, 15A for 12K, 20A for 18K, .
- The fixed wiring should be more than 4.0mm² in area.



● PART IDENTIFICATION

Panel outlook picture, just for reference, please take the real unit as standard.

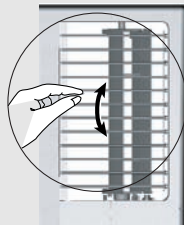


Air direction adjustment

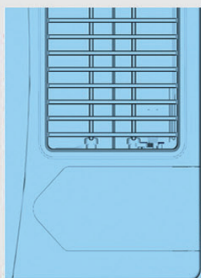
Vertical airflow direction vane

(Airflow direction adjustment up and down).

The vertical airflow direction vane is controlled by positioning the vane to discharge the air upwards, downwards or straight out.



VENTILATION LEVER



Ventilation Lever

When the slide lever at the :



CLOSE ◀ VENT ▶ OPEN

- "OPEN" position, the ventilation door opens to allow air, smoke or odors to be expelled from the room.

When the slide lever at the :



CLOSE ◀ VENT ▶ OPEN

- "CLOSE" position, the ventilation door is closed and the air will be circulated inside the room and conditioned.

● AIR CONDITIONER OPERATION

Mechanical only

MAIN CONTROL PANEL

Main Control Knob



Air Swing Switch

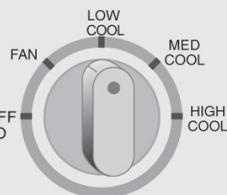


OFF Stops the operation of Air Swing.
ON Air Swing is in operation.

Fan operation

Stops all operation

Low fan speed operation



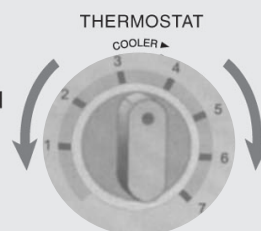
Med fan speed with cooling operation

High fan speed with cooling operation

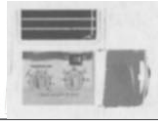
Thermostat Control Knob

Turn the thermostat control knob as shown:

For less cool



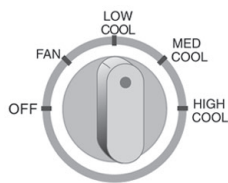
For more cool



1. Open the control panel cover

2. Power Supply

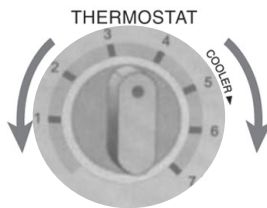
Switch off the breaker and set the main control knob to the OFF position before plugging the power plug into an electrical outlet.



3. Main Control Knob

Set to Low Cool, Med Cool or High Cool as desired.
(FAN setting operates the fan only.)

CAUTION: If the main control knob is turned off or changed to a fan setting from a cooling operation setting, WAIT at least 3 minutes before resetting to cooling operation.



4. Thermostat Control Knob

Set the thermostat control knob to your desired setting (Usually, 6~7 is recommended.). If the room temperature is not as desired after a reasonable period, turn the thermostat control knob clockwise to cool the room more or counter clockwise to cool the room less.

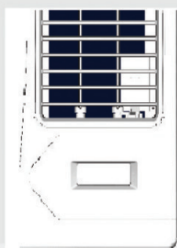
• When the thermostat control knob is set to 10, moisture may freeze onto evaporator fins and prevent effective cooling. If this happens, turn the main control knob to HIGH FAN, and the thermostat control knob counter clockwise. This will quickly defrost the evaporator fins so that normal cooling can be resumed.



5. Air Swing Switch (Airflow direction adjustment Side-to Side)

To obtain a fix airflow direction, set the air swing switch to "ON" for the vanes to swing from side to side until the desired flow direction is reached, then switch it to "OFF".
For continuous side-to-side air circulation, set the air swing switch to "ON".

VENTILATION LEVER



Ventilation Lever

When the slide lever at the :



- "OPEN" position, the ventilation door opens to allow air, smoke or odors to be expelled from the room.

When the slide lever at the :



- "CLOSE" position, the ventilation door is closed and the air will be circulated inside the room and conditioned.

Electronic only (control panel)

Note:

If remote controller is lost, please open the panel and operate it by hand.
And DRY mode can't be chosen by hand.



1 Power button

Press this button to turn on the unit. Press this button again to turn off the unit.

2 Swing button

Press this button to start up the auto swing function.

3 Fan speed button

4 Temp/time button

Press ▲ button to increase set temperature and press ▼ button decrease set temperature. The temperature adjusting range is 16-30°C. After pressing TIMER button, press ▲ button and time can be set in 1-hour increments. Press ▼ button and time can be set in 1-hour decrements. The time adjusting range is 0-24hours.

5 Signal receivers

6 Mode button

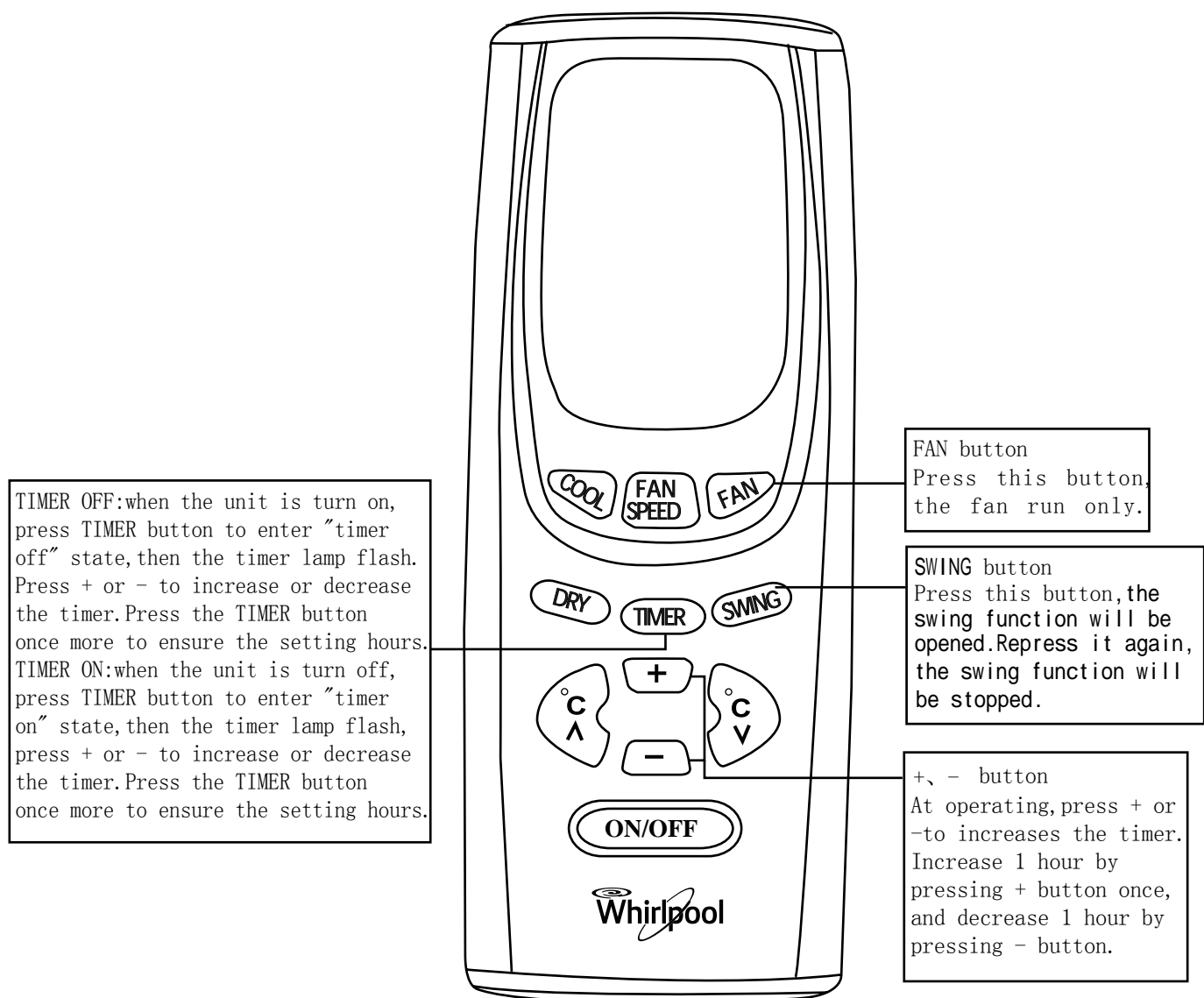
Press this button select operation mode: COOL, FAN.

Remote control operation procedure

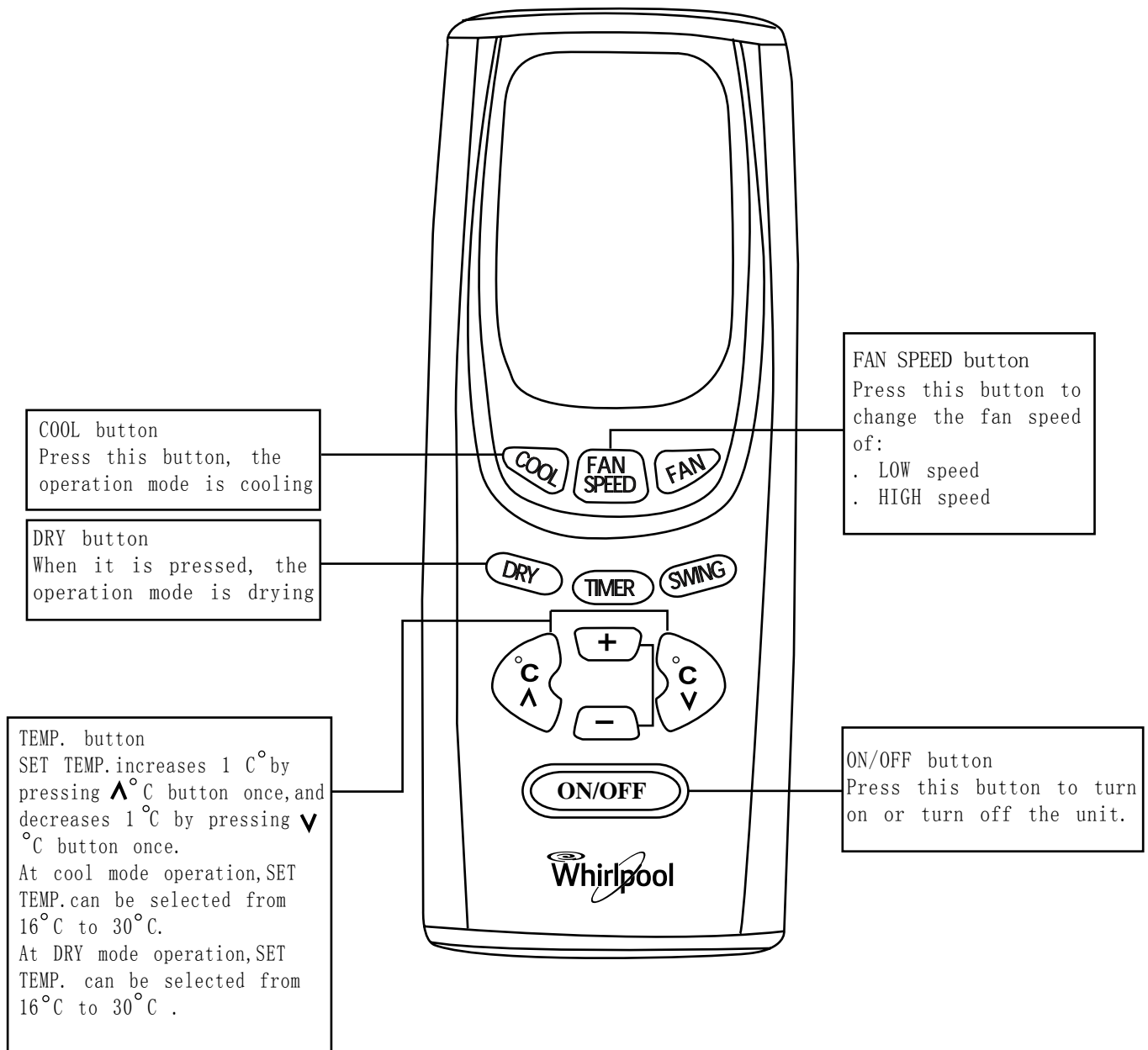
● Name and Function-Remote controller

Note:

- Be sure that there are no obstructions between receiver and remote controller.
- Don't drop or throw the remote controller.
- Don't let any liquid in the remote controller and put the remote controller directly under the sunlight or any place where is very hot.



● Name and Function-Remote control

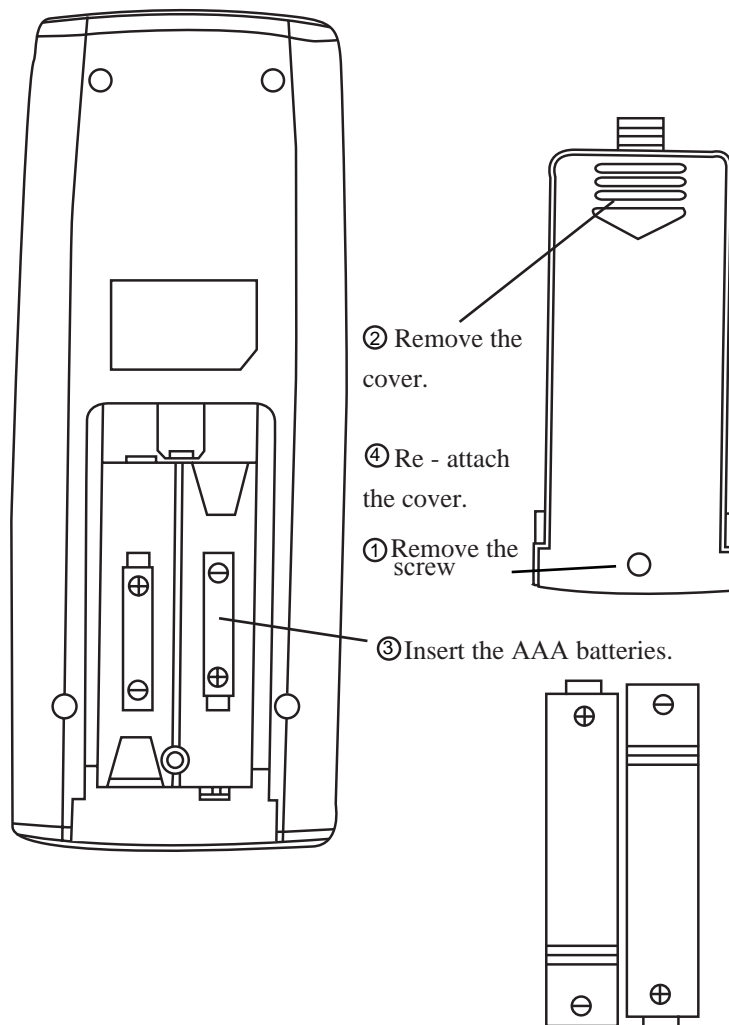


● How to insert batteries

- 1.Remove the screw with screwdriver.
- 2.Remove the cover from the back of the remote control.
- 3.insert the two batteries (Two AAA dry - cell batteries).
- 4.Re - attach the cover.

NOTE:

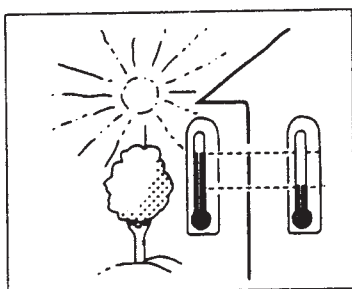
- **Don't confuse the new and worn or different types of batteries.**
- **Remove batteries when the remote controller is not in use for a longtime.**
- **The lifetime of the batteries is about one year.**
- **The remote controller should be placed about 1m or more away from the TV. or any other electric appliances.**
- **Bad batteries are forbidden.**



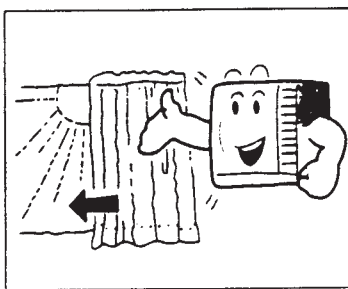
● Operation Tips

Operation for comfort and economy

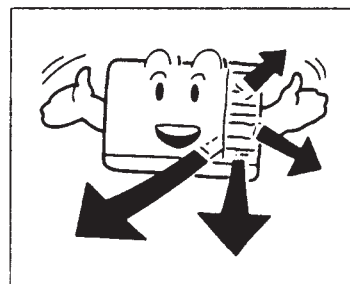
Do not overcool the room temperature, this is not good for health and waste electricity.



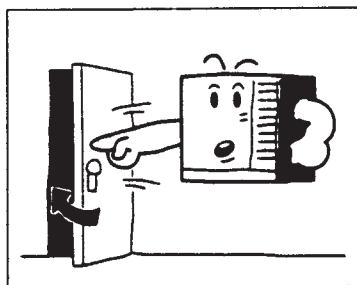
Do not let sunshine enter the room directly when the air condition is in operation.



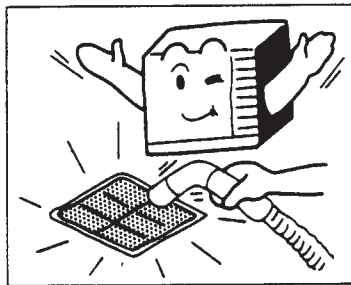
Keep blind or curtains closed, Adjust the vertical and horizontal airflow direction to ensure a uniform temperature in the room.



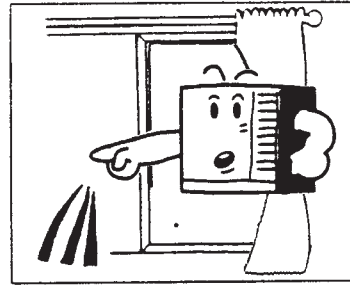
Make sure that the doors and windows are shut tightly. Avoid opening doors and windows as much as possible to keep the cool air in the room.



Clean the air filter regularly. Blockages in the air filter reduce dehumidifying effects. Clean at least once every two weeks.



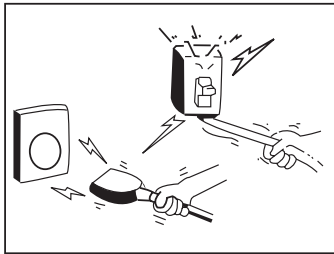
Ventilate the room occasionally. Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.



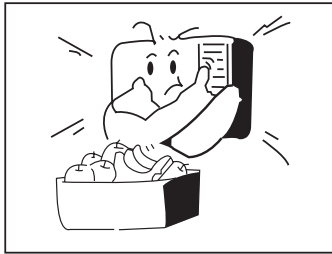
● Caution

- 1) The plug must be accessible after the appliance is positioned.
- 2) Do not use this appliance in the laundry.
- 3) If the power cord is damaged, it must be replaced by the manufacture or its service agent in void of hazard.

Do not pull out the power cord.
Damage to the cord may result in serious electrical shocks.



Do not use the air conditioner for other purposes such as drying clothes, preserving foods, keeping animals, or cultivating vegetables.

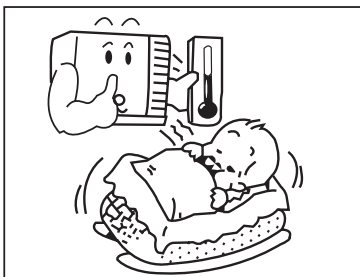


Do not block the air intake and outlet vents.

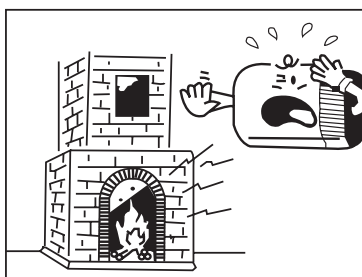
This causes lowered performance and irregular operation. Do not insert sticks or other objects into these vents as it is dangerous to touch the electric components and the fan.



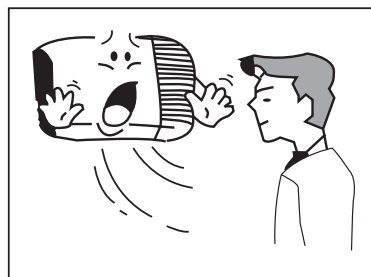
Select the most appropriate temperature.
Take care to adjust the temperature to suit the conditions.
Rooms occupied by infants, the elderly, or the sick should be kept at an appropriate temperature.



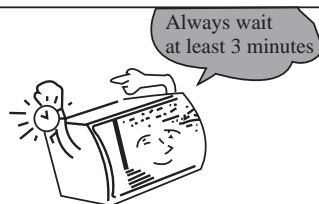
Do not use heating apparatuses in the air conditioner's plastic parts melt if exposed to excessive heat.



Avoid exposing the body directly to a continuous unidirectional air flow for long periods.
This is not recommended for health reason.



Always wait at least 3 minutes before switching the air condition on again after you have switched it off during cooling.



Care and maintenance

Always turn off the air conditioner and main power supply before cleaning to ensure safety.

Clean unit

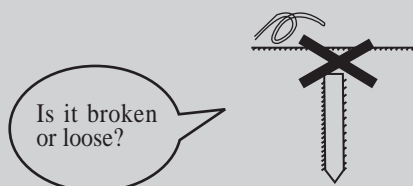
1. Clean surface panel with a soft and dry cloth, Which is soaked warm water below 40°C.

2. Do not use chemical solvent for cleaning.



3. Do not splash water directly to indoor unit, in which there are micro-computer and circuit plate, they must not be touched by water.

* Check earth wire

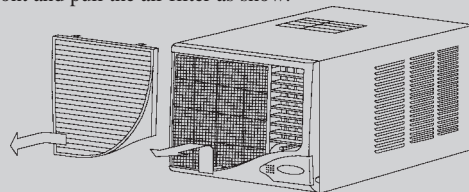


Air filter

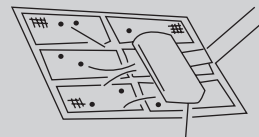
The air filter behind the intake grille should be washed at least every two weeks or as often as it needs cleaning.

How to clean the air filter:

1. To remove the faceplate to the left in 15mm, and pull it to front and pull the air filter as show.



2. Vacuum the filter on the dusty side to remove light dust.



Vacuum cleaner

3. Wash the filter, cleaner side up under gently flowing water to wash out accumulated dust and lint.



4. If the filter is very dirty, use a mild household detergent in the wash water.






Let the filter dry thoroughly before reinstalling it.

* Check air inlet and outlet of outdoor unit.



● Trouble shooting guide

Please check the following items before asking for repair, it saves your time and money.

Fault phenomenon	Trouble-shooting
<p>Air conditioner does not operate at all.</p> 	<ul style="list-style-type: none"> * Is there a power failure? * Is the plug out? * Is power fuse or switch off? * Whether the voltage is too high or too low?
<p>Cool efficiency is not good.</p>	<ul style="list-style-type: none"> * Is air inlet or outlet locking? * Is there any other heat source in room? * Are air filters dirty very much? * Is indoor fan speed set at LOW? * Maybe the room is too hot when the unit is started, please cool down the room after a period of time.
<p>Foggy air flows out.</p> 	<ul style="list-style-type: none"> * At COOL mode operation, sometimes there is foggy air flowing out of indoor unit, this is because the room humid air has been cooling rapidly. * The unit is normal while the indoor outlet is sending out some odor, because the inlet air may be mixed with the smell of furniture and smoke.
<p>The air conditioner operation is noisy.</p> 	<ul style="list-style-type: none"> * For a noise that sounds like water flowing: This is the sound of freon flowing inside the air conditioner unit. * For a noise that sounds like a shower: This is the sound of the dehumidifying water being processed inside the air conditioner unit.
<p>It seems that condensation is leaking from air conditioner.</p>	<ul style="list-style-type: none"> * Condensation occurs when the airflow from the air conditioner cools the warm room air.
<p>Air conditioner does not operate for about 3 minutes when restart.</p>	<ul style="list-style-type: none"> * This is to protect the mechanism. * Wait about three minutes and operation will begin.

Immediately stop all operations and plug out, please contact your dealer in the following situations.

- *Operation starts or stops abnormally;
- *Power fuse or switch often breaks;
- *Carelessly splash water or something into air conditioner;
- *Electrical lines are much hot or lines cover breaks;
- *Other strange situations.

● After service

- If your air conditioner has the questions of quality or anything else, please contact the service center of Whirlpool.

Whirlpool Corporation

網站：<http://www.whirlpool.com>



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